

IANDIORIO & TESKA

INTELLECTUAL PROPERTY LAW ATTORNEYS

Joseph S. Iandiorio
Kirk Teska
Jason D. Shanske
Thomas E. Thompkins, Jr.
Roy J. Coleman
David W. Poirier

260 BEAR HILL ROAD
WALTHAM, MASSACHUSETTS 02451-1018

Tel: (781) 890-5678
Fax: (781) 890-1150
e-mail: admin@iandiorio.com
web: www.iandiorio.com

February 11, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBJECT: Applicants: Richard M. Lloyd
Serial No.: 10/698,500
Filed: October 31, 2003
For: VEHICLE-BORNE SYSTEM AND METHOD FOR
COUNTERING AN INCOMING THREAT
Group No.:
Docket No.: RAY-144J

Dear Sir:

Pursuant to 37 CFR 1.56, enclosed are an Information Disclosure Citation in an Application, Form PTO-A820, and copies of thirteen (13) references. Although the patent applications for Serial Nos. 10/384,804, 10/301,302, 10/301,420, 10/385,319, and 10/370,892 are disclosed for the Examiner, copies of these applications are not included as a precautionary measure because the provisional patent application from which these applications claim priority is under a Secrecy Order.

This Information Disclosure Citation is timely filed and should be considered as it is filed before the mailing date of the first Office Action on the merits of the subject application pursuant to 37 CFR §1.97(b)(3).

If at any time it appears that a TELEPHONE CONFERENCE with counsel would help advance prosecution, please telephone the undersigned or his associates, collect in Waltham, Massachusetts, at (781) 890-5678.

If any payment during prosecution is found to be incorrect, please charge any deficiency or credit any overpayment to by Deposit Account No. 09-0002. A copy of this

Commissioner of Patents
February 11, 2004
Page 2

letter is enclosed for use by the Finance Branch in the event that it is necessary to make any charge or credit to my deposit account.

Kindly acknowledge receipt of the foregoing by returning the enclosed self-addressed postcard.

Sincerely;



Thomas E. Thompson, Jr.
Reg. No. 47,136

TET/ok
Enclosures

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 11, 2004.



Olga Kadish



ATTY DOCKET NO.

RAY-144J

SERIAL NO.

10/698,500

Applicant(s) Richard M. Lloyd

FILING

Date October 31, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,244,046	10/23/1917	Ffrench			
	1,300,333	04/15/1919	Berry			
	2,988,994	06/20/1961	Fleischer Jr. et al.			
	3,565,009	02/23/1971	Allred et al.			
	3,656,433	04/18/1972	Thraikill et al.			
	3,757,694	09/11/1973	Talley et al.			
	3,771,455	11/13/1973	Haas			
	3,797,359	03/19/1974	Mawhinney et al.			
	3,877,376	04/15/1975	Kupelian			
	3,941,059	03/02/1976	Cobb			
	3,949,674	04/13/1976	Talley			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GB 550,001	12/17/1942	Great Britain				
	EU 270 401 A1	06/08/1988	Europe			✓	
	WO 97/27447	07/31/1997	WIPO				
	FR 2 678 723	01/08/1993	France			✓	
	DE 38 30 527 A1	03/22/1990	Germany			✓	

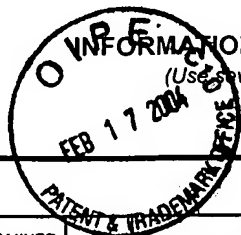
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Richard M. Lloyd., "Physics of Direct Hit and Near Miss Warhead Technology", Vol. 194, Progress in Astronautics and Aeronautics, Copyright 2001 by the American Institute of Aeronautics and Astronautics, Inc., Chapter 3, pp. 99-197.
		Richard M. Lloyd., "Physics of Direct Hit and Near Miss Warhead Technology", Vol. 194, Progress in Astronautics and Aeronautics, Copyright 2001 by the American Institute of Aeronautics and Astronautics, Inc., Chapter 6, pp. 311-406.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
RAY-144J

SERIAL NO.
10/698,500

Applicant(s) **Richard M. Lloyd**

FILING
Date **October 31, 2003**

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,954,060	05/04/1976	Haag et al.			
	3,977,330	08/31/1976	Held			
	4,026,213	05/31/1977	Kempton			
	4,036,140	07/19/1977	Korr et al.			
	4,089,267	05/16/1978	Mescall et al.			
	4,106,410	08/15/1978	Borcher et al.			
	4,210,082	07/01/1980	Brothers			
	4,211,169	07/08/1980	Brothers			
	4,376,901	03/15/1983	Pettibone et al.			
	4,430,941	02/14/1984	Raech, Jr. et al.			
	4,638,737	01/27/1987	McIngvale			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

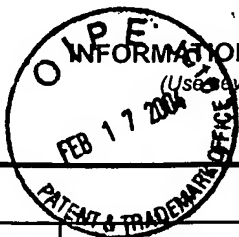
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Richard M. Lloyd, "Conventional Warhead Systems Physics and Engineering Design", Vol. 179, Progress in Astronautics and Aeronautics, Copyright 1998 by the American Institute of Aeronautics and Astronautics, Inc., Chapter 5, pp. 193-251.
		Richard M. Lloyd, "Aligned Rod Lethality Enhanced Concept for Kill Vehicles", 10th AIAA/BMDD Technology Conf., July 23-26, Williamsburg, Virginia, 2001, pp. 1-12.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

ATTY DOCKET NO.

RAY-144J

SERIAL NO.

10/698,500

Applicant(s) Richard M. Lloyd

FILING

Date October 31, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,655,139	04/07/1987	Wilhelm			
	4,658,727	04/21/1987	Wilhelm et al.			
	4,745,864	05/24/1988	Craddock			
	4,770,101	09/13/1988	Robertson et al.			
	4,848,239	07/18/1989	Wilhelm			
	4,922,826	05/08/1990	Busch et al.			
	4,996,923	03/05/1991	Theising			
	5,229,542	07/20/1993	Bryan et al.			
	5,370,053	12/06/1994	Williams et al.			
	5,542,354	08/06/1996	Sigler			
	5,544,589	08/13/1996	Held			

FOREIGN PATENT DOCUMENTS

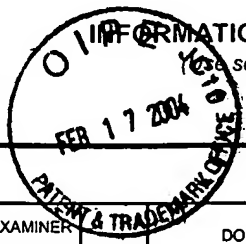
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

RAY-144J

SERIAL NO.

10/698,500

Applicant(s) Richard M. Lloyd

FILING

Date October 31, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,578,783	11/26/1996	Brandeis			
	5,670,735	09/23/1997	Ortmann et al.			
	5,691,502	11/25/1997	Craddock et al.			
	5,796,031	08/18/1998	Sigler			
	5,823,469	10/20/1998	Archangelsky et al.			
	6,044,765	04/04/2000	Regebro			
	6,186,070	02/13/2001	Fong et al.			
	6,598,534	07/29/2003	Lloyd et al.			
	6,622,632	09/23/2003	Spivak			
	H1047	05/05/1992	Henderson et al.			
	H1048	05/05/1992	Wilson et al.			

FOREIGN PATENT DOCUMENTS

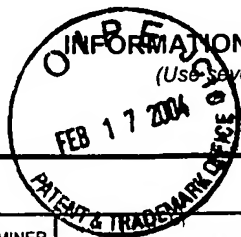
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ATTY DOCKET NO. RAY-144J		SERIAL NO. 10/698,500
Applicant(s) Richard M. Lloyd		
FILING Date	October 31, 2003	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	10/162,498		Lloyd			06/04/2002
	10/301,302		Lloyd			11/21/2002
	10/301,420		Lloyd			11/21/2002
	10/384,804		Lloyd			03/10/2003
	10/385,319		Lloyd			03/10/2003
	10/456,391		Lloyd et al.			06/05/2003
	10/456,777		Lloyd			06/06/2003
	10/685,242		Lloyd			10/14/2003
	10/370,892		Lloyd			02/20/2003

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.